

5                   A Healthcare Information System Involving Analyzing  
                    Orders for Healthcare Treatment or Services

                    Abstract Of The Disclosure

10           A system analyzes data including healthcare orders initiating treatment or services  
used in patient healthcare. The system includes a data processor and a message processor.  
The data processor identifies a potential change in use of a particular treatment by examining  
data, representing multiple orders generated over a particular time period, used in treating  
multiple patients to identify a number of orders initiating application of a particular treatment  
15 to individual patients of the multiple patients to address a particular medical condition. The  
data processor also determines whether the number of orders exceeds a predetermined  
threshold and/or whether a rate of change in the number of orders relative to a previously  
determined number of orders is significant. The message processor initiates generation of a  
message to alert a message recipient of an identified potential change in use of the particular  
20 treatment.